

Message

From: Itkin, Cheryl [Itkin.Cheryl@epa.gov]
Sent: 10/26/2016 7:52:53 PM
To: Perovich, Gina [Perovich.Gina@epa.gov]; Cogliano, Vincent [cogliano.vincent@epa.gov]; Soto, Vicki [Soto.Vicki@epa.gov]
Subject: FW: STICS: Clearance Initiation: #327250: Toxicological Review of Benzo[a]pyrene (Final Agency/Interagency Review Draft)

FYI - Taukecha confirmed that Vince, Gina, and I are on the route for BAP. The email Vicki was sent was delivered to those CC'd

Cheryl

From: Cunningham, Taukecha
Sent: Wednesday, October 26, 2016 2:30 PM
To: Itkin, Cheryl <Itkin.Cheryl@epa.gov>
Subject: RE: STICS: Clearance Initiation: #327250: Toxicological Review of Benzo[a]pyrene (Final Agency/Interagency Review Draft)

Hi Cheryl,

Yes, you, Vince, and Gina are in the routing.

Taukecha Cunningham
Information Management Specialist
U.S. EPA/ORD
National Center for Environmental Assessment
703-347-0294
Cunningham.Taukecha@epa.gov

From: Itkin, Cheryl
Sent: Wednesday, October 26, 2016 2:27 PM
To: Cunningham, Taukecha <Cunningham.Taukecha@epa.gov>
Subject: FW: STICS: Clearance Initiation: #327250: Toxicological Review of Benzo[a]pyrene (Final Agency/Interagency Review Draft)

Hi Taukecha,

Can you tell me if Gina, Vince, and I are on the clearance routing for BAP in STICS?

I think the list below is the auto-CC HHRA list for this product plus included several others such as the lead authors and they were notified as CC'd.

Can you confirm?

Thanks,
Cheryl

From: Soto, Vicki
Sent: Wednesday, October 26, 2016 2:15 PM
To: Perovich, Gina <Perovich.Gina@epa.gov>; Cogliano, Vincent <cogliano.vincent@epa.gov>; Itkin, Cheryl

<ltkin.Cheryl@epa.gov>

Subject: FW: STICS: Clearance Initiation: #327250: Toxicological Review of Benzo[a]pyrene (Final Agency/Interagency Review Draft)

Hi – I don't see you copied on this. Maybe you got an email from STICS also, but I wanted to be sure that you saw that this clearance started.

Vicki

From: ORD STICS@epa.gov [mailto:ORD STICS@epa.gov]

Sent: Wednesday, October 26, 2016 2:11 PM

To: Frithsen, Jeff <Frithsen.Jeff@epa.gov>; Slimak, Michael <Slimak.Michael@epa.gov>; Jones, Ashley <Jones.Ashley@epa.gov>; Hagerthey, Scot <Hagerthey.Scot@epa.gov>; Shams, Dahnish <Shams.Dahnish@epa.gov>; Jones, Samantha <Jones.Samantha@epa.gov>; Newhouse, Kathleen <Newhouse.Kathleen@epa.gov>; D'Amico, Louis <DAmico.Louis@epa.gov>; Bussard, David <Bussard.David@epa.gov>; Vandenberg, John <Vandenberg.John@epa.gov>; Hogan, Karen <Hogan.Karen@epa.gov>; Gatchett, Annette <Gatchett.Annette@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Jarabek, Annie <Jarabek.Annie@epa.gov>; Tewolde, Salina <tewolde.salina@epa.gov>; Johnson, Maureen <Johnson.Maureen@epa.gov>; Soto, Vicki <Soto.Vicki@epa.gov>

Subject: STICS: Clearance Initiation: #327250: Toxicological Review of Benzo[a]pyrene (Final Agency/Interagency Review Draft)

This e-mail is to inform you that you have been copied on the following Human Health Risk Assessment clearance submission in STICS:

- **Product type, subtype:** Assessment, IRIS Assessment
- **Product title:** Toxicological Review of Benzo[a]pyrene (Final Agency/Interagency Review Draft)
- **Author(s):** Newhouse, K and K. Hogan
- **Initiator:** Kathleen Newhouse,ord/ncea/iris
- **ORD Tracking Number:** Tracking # 327250

- **Product Description / Abstract:** Benzo[a]pyrene is a five-ring polycyclic aromatic hydrocarbon (PAH) (Figure A 1). It is a pale yellow crystalline solid with a faint aromatic odor. It is relatively insoluble in water and has low volatility. Benzo[a]pyrene is released to the air from both natural and anthropogenic sources and removed from the atmosphere by photochemical oxidation; reaction with nitrogen oxides, hydroxy and hydroperoxy radicals, ozone, sulfur oxides, and peroxyacetyl nitrate; and wet and dry deposition to land or water. In air, benzo[a]pyrene is predominantly adsorbed to particulates, but may also exist as a vapor at high temperatures (HSDB, 2012). The half-lives for degradation of benzo[a]pyrene in soil, air, water, and sediment are 229–309, 0.02–7, 39–71, and 196–2,293 days, respectively (HSDB, 2012; GLC, 2007).

- **Tracking and Planning**
 - Task ID: 1.2115
 - Task: Final IRIS assessments
 - Product Title: N/A - Not Applicable
 - Product Description: N/A - Not Applicable
 - Project: IRIS Assessments
 - Topic: Integrated Risk Information System (IRIS)
 - Research Program Area: Human Health Risk Assessment

- **HISA? ISI? High Profile?:** ISI (Influential Scientific Information)
- **QA form attached in STICS?:** No
- **QAPP Reference:** IRIS Program PQAPP
- **Keywords:**
 - benzo[a]pyrene
 - polycyclic aromatic hydrocarbon
 - carcinogen
 - neurodevelopmental toxicity

This submission can be found in your In Progress tab. [Please click here to access STICS.](#)